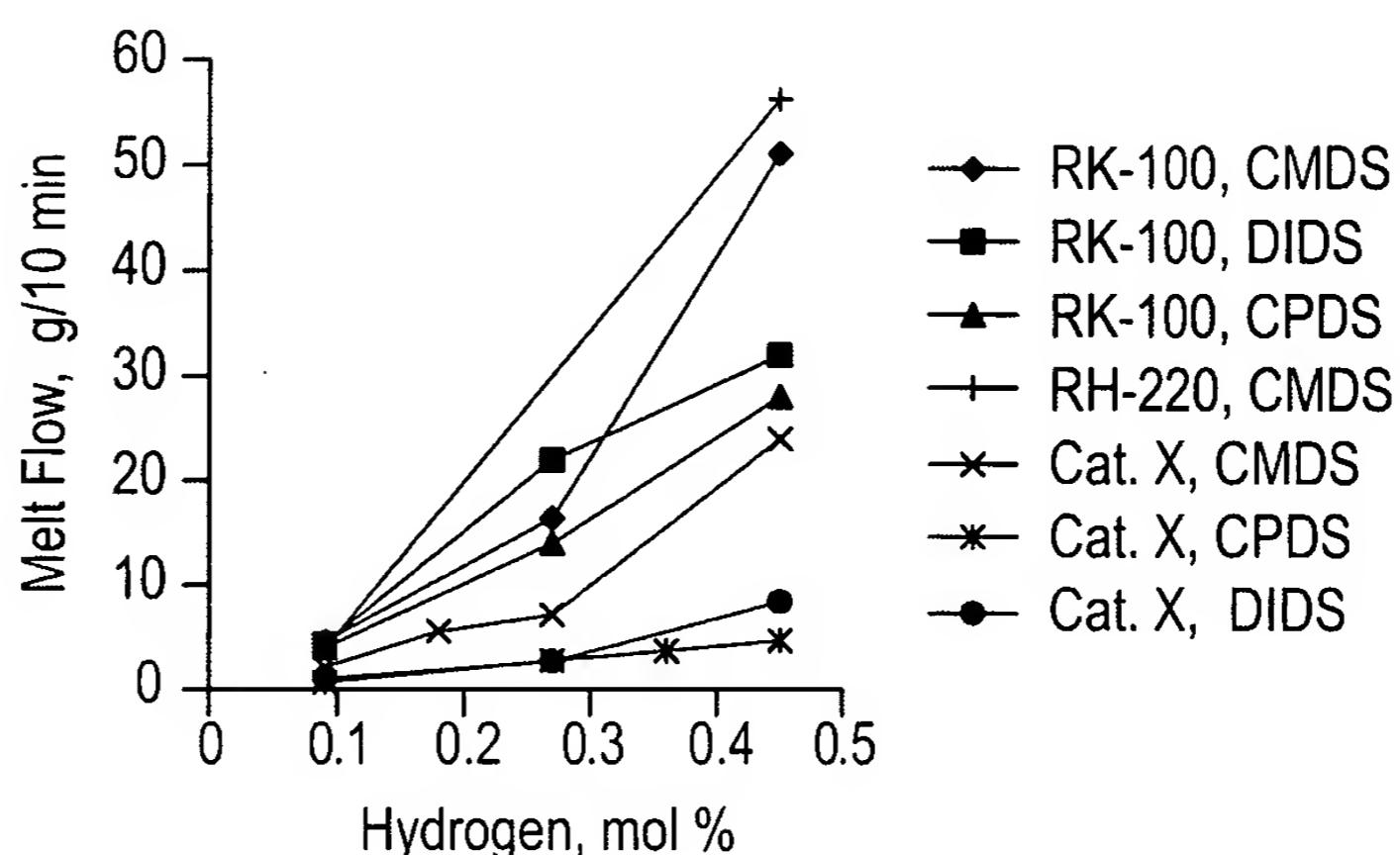




1/5

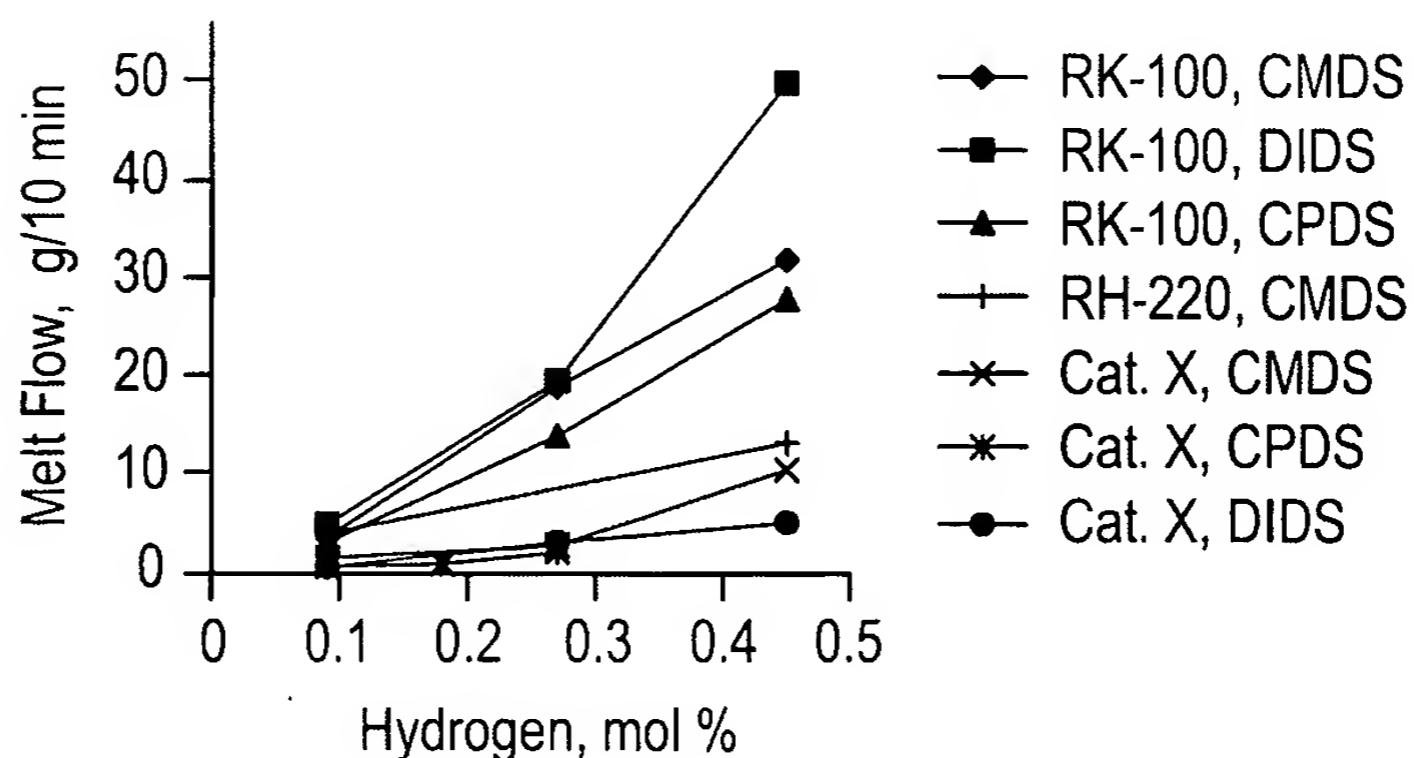
## FIG. 1

Melt Flow vs. Hydrogen for RK-100, RH-220 and Catalyst X with Various Donors (Al/Si-50)

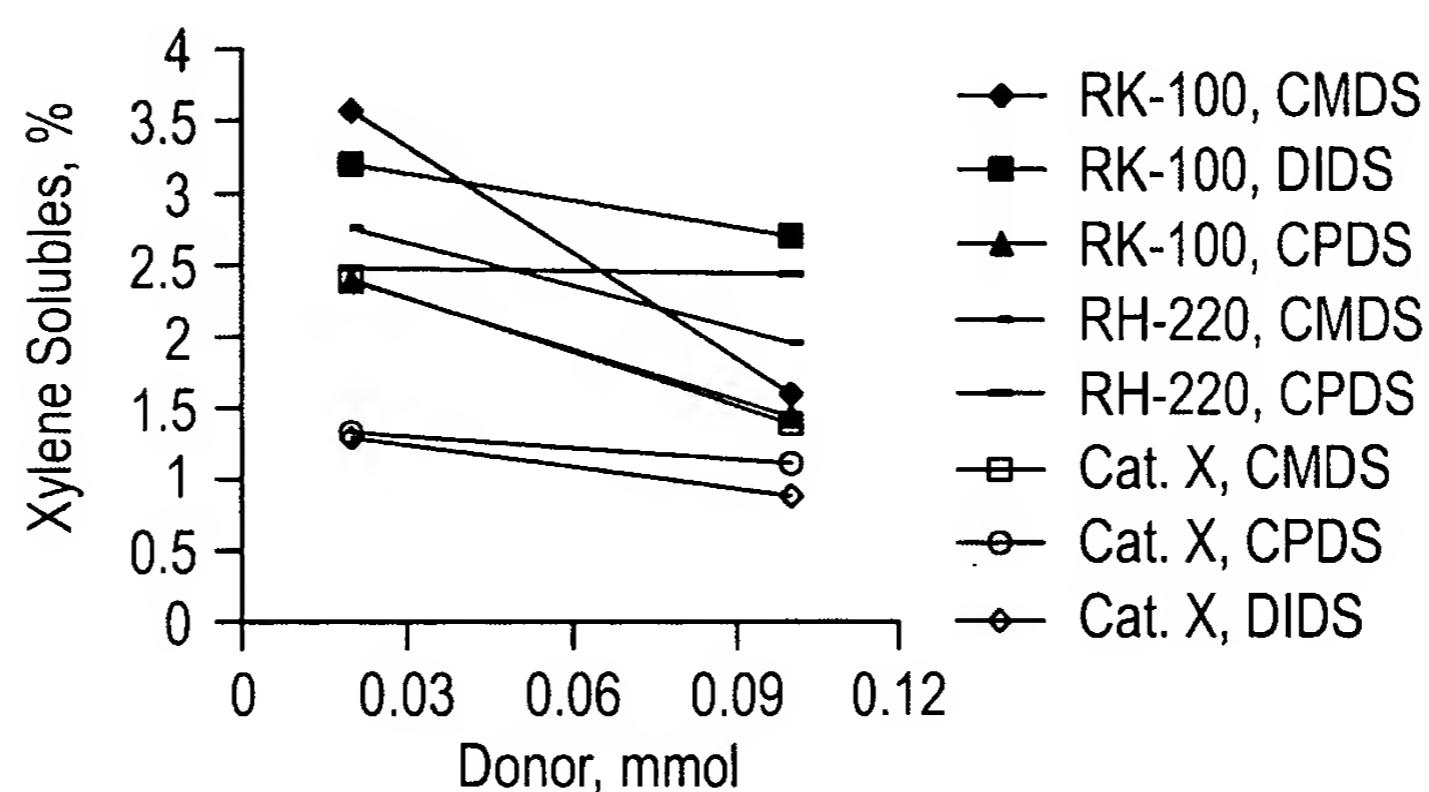


## FIG. 2

Melt Flow vs. Hydrogen for RK-100, RH-220 and Catalyst X with Various Donors (Al/Si-10)



**FIG. 3**  
Xylene Solubles vs. Donor Level at Low  
Hydrogen (0.09 mol %) for RK-100, RH-220 and  
Catalyst X



**FIG. 4**  
Xylene Solubles vs. Donor Level at High  
Hydrogen (0.45 mol %) for RK-100, RH-220 and  
Catalyst X

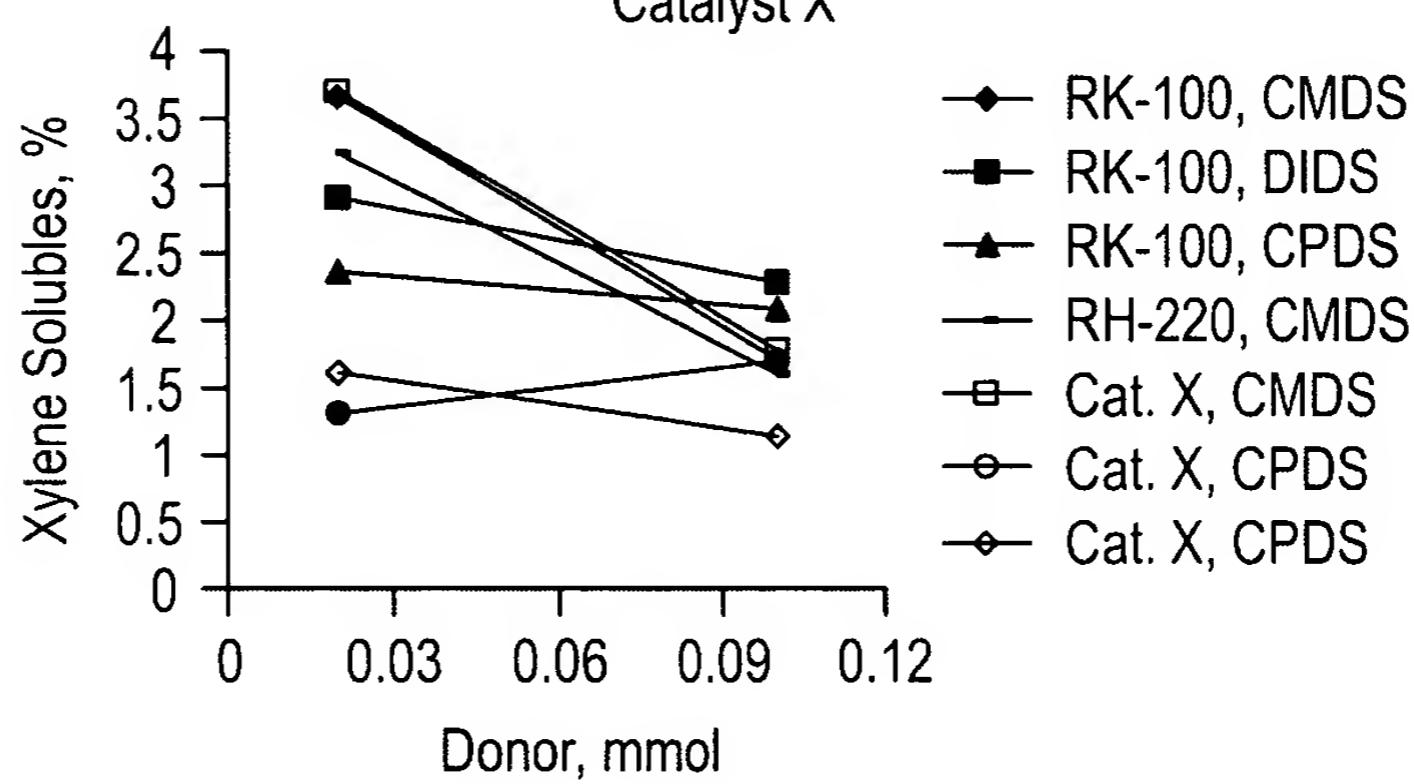


FIG. 5

Fluff Particle Size Distributions from RK-100,  
RH-220 and Catalyst X with Various Donors  
(Al/Si = 50, H<sub>2</sub> = 0.27 mol %)

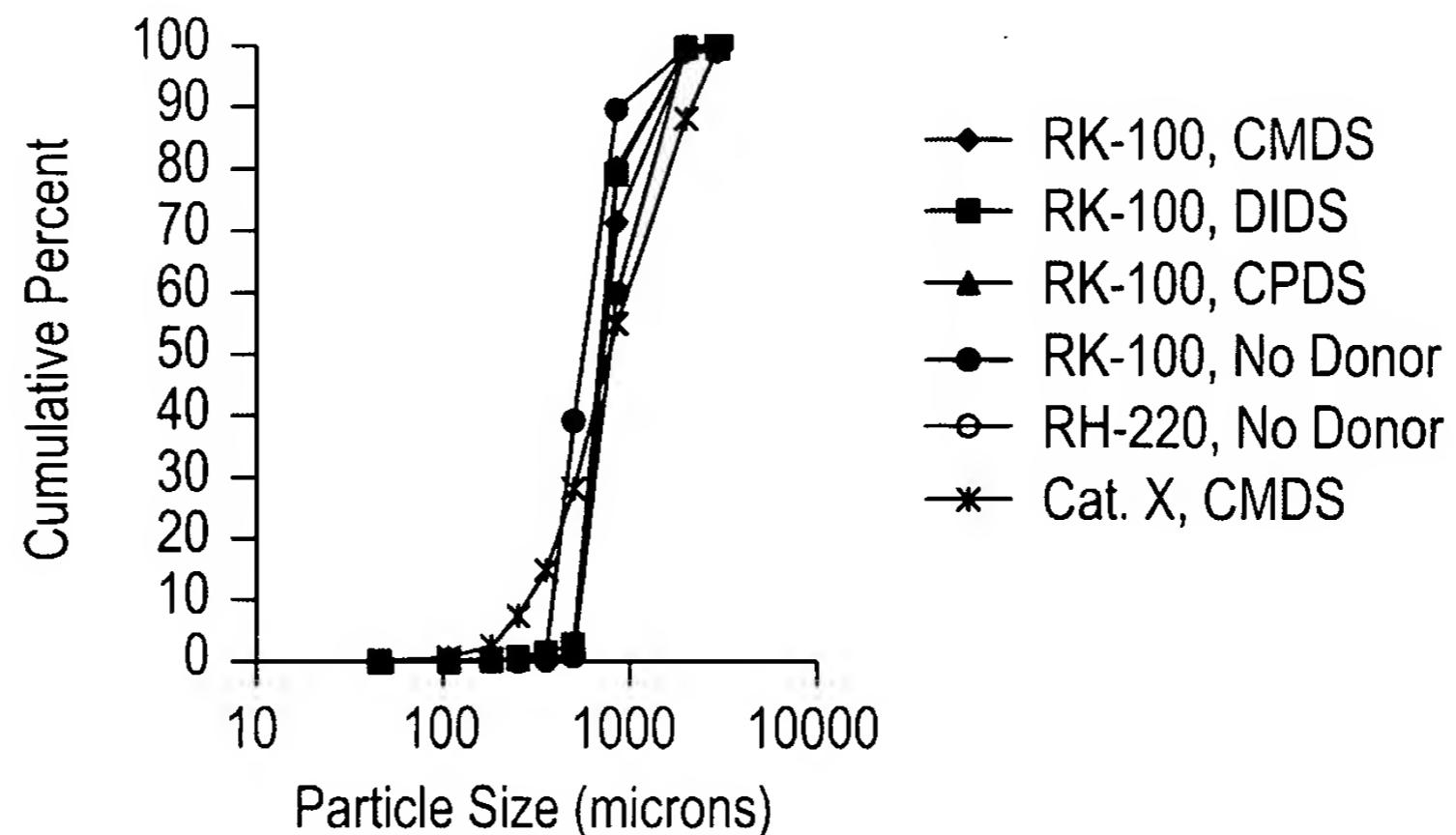


FIG. 6

Plot of Hydrogen, Melt Flow, Donor Level,  
and Xylene Solubles During RK-100 Trial

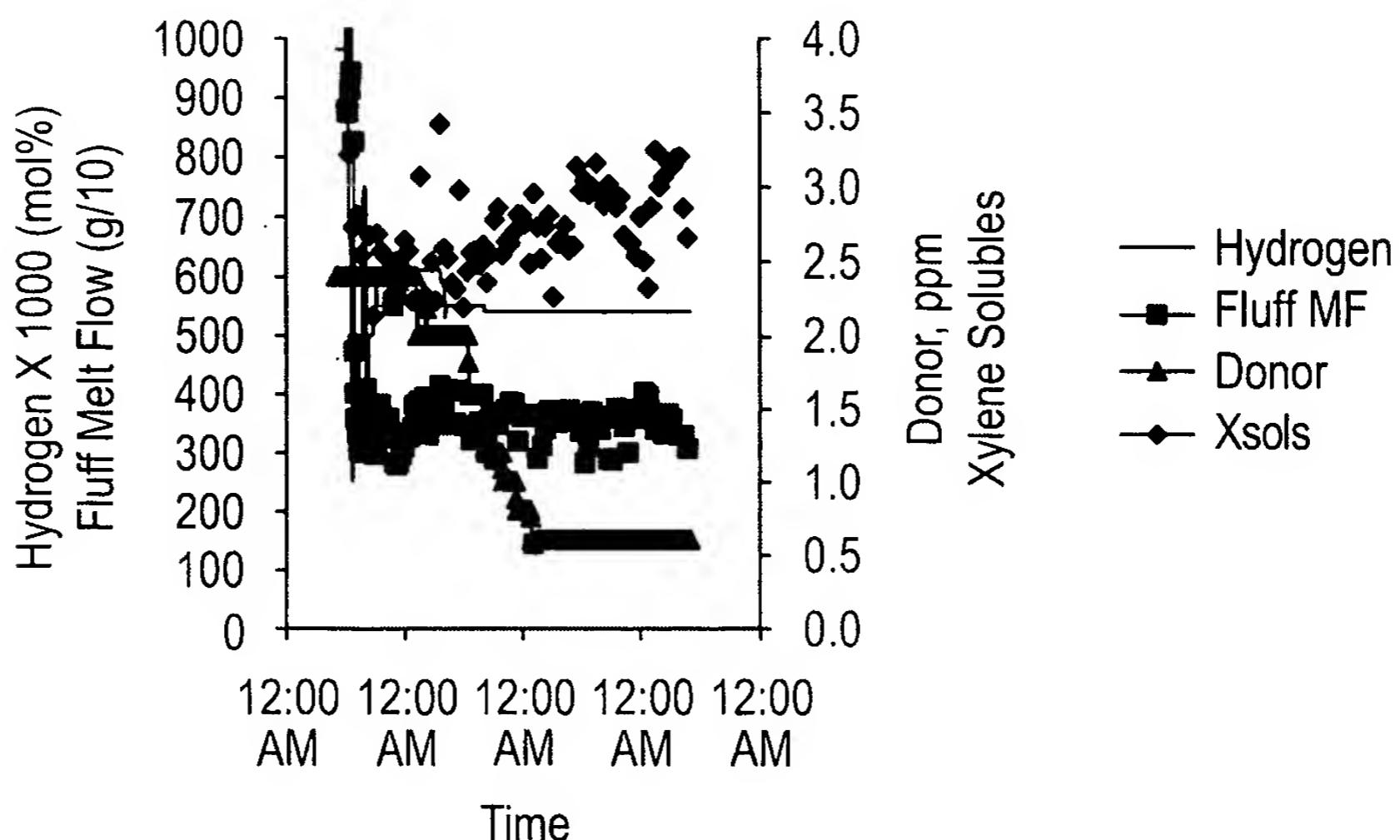


FIG. 7

Plot of Hydrogen, Melt Flow, Donor Level, and Xylene Solubles  
For Conventional Z-N Catalyst (Catalyst Y)

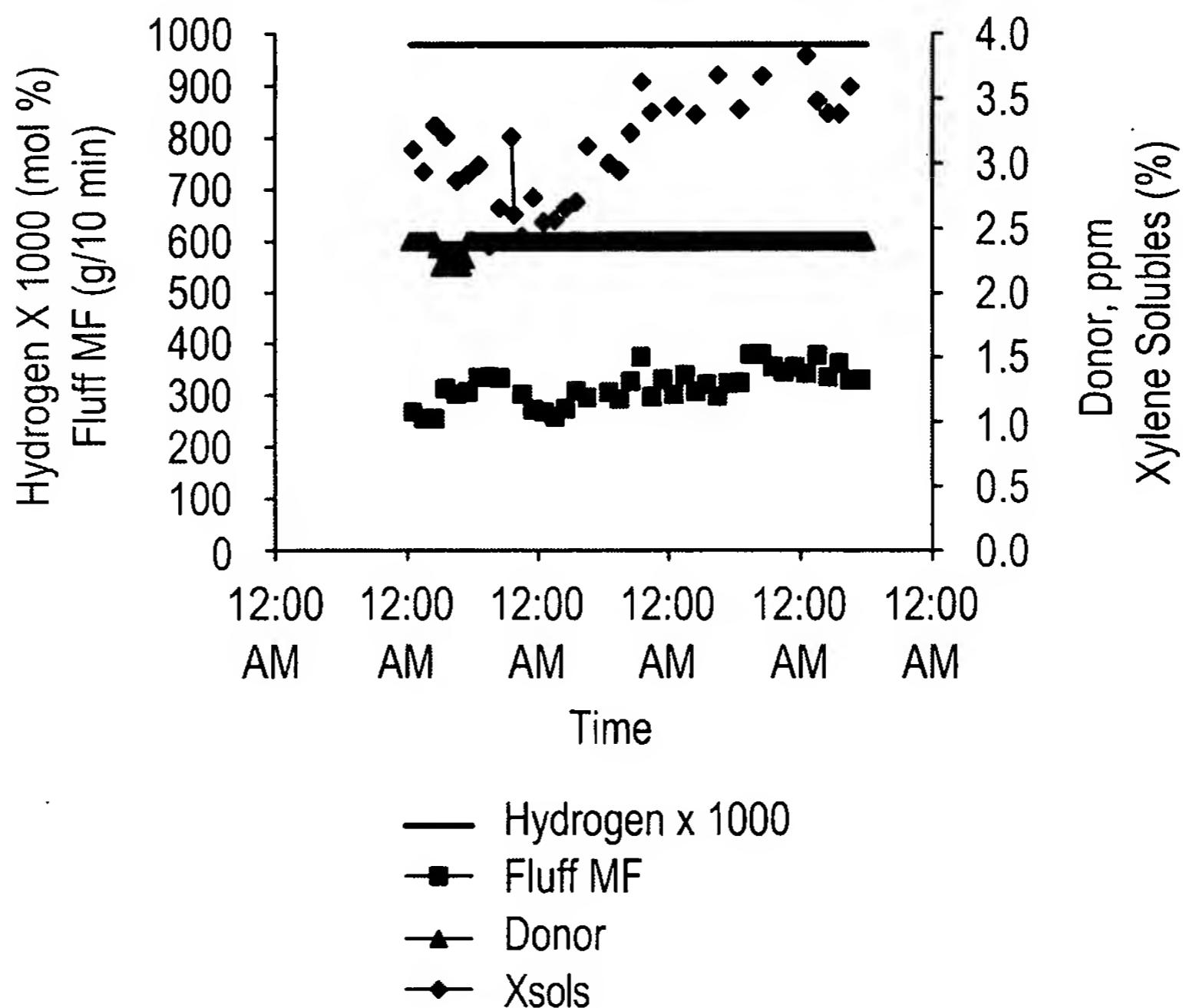


FIG. 8

Relative Catalyst Productivity for PP Fluff From  
RK-100 and Catalyst Y

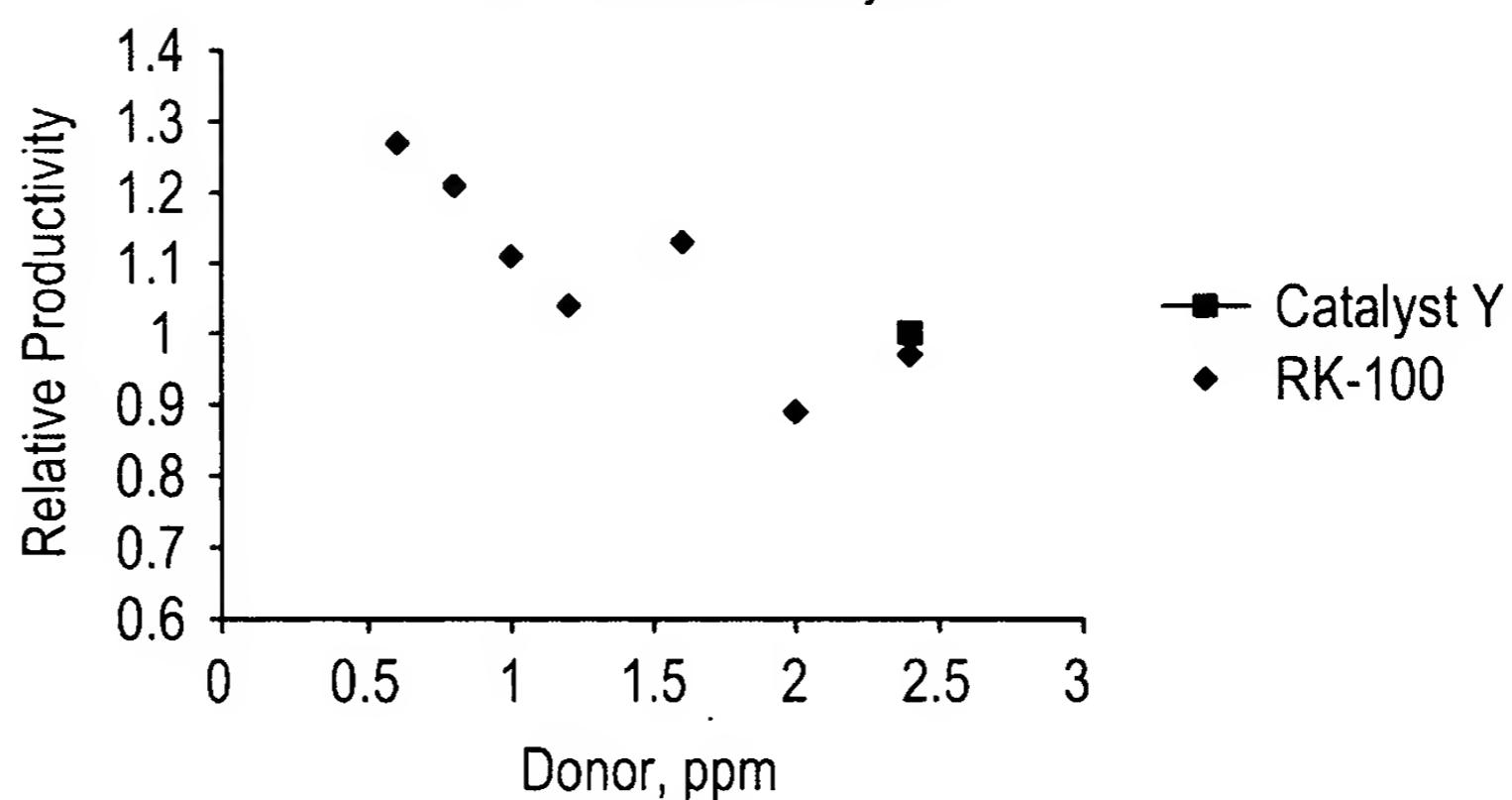


FIG. 9

Trend of Xylene Solubles vs. Donor Level for RK-100

